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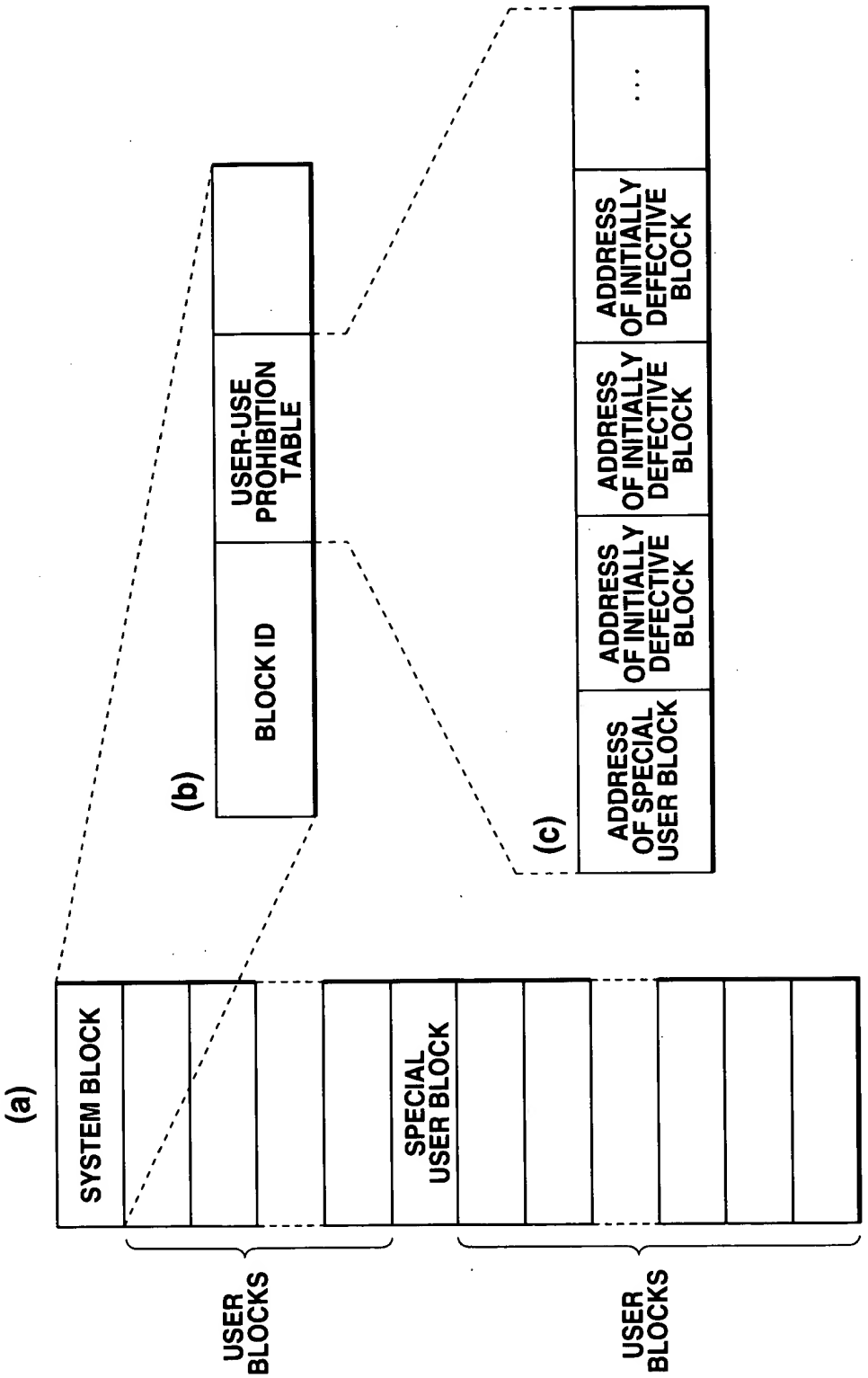

FIG.1

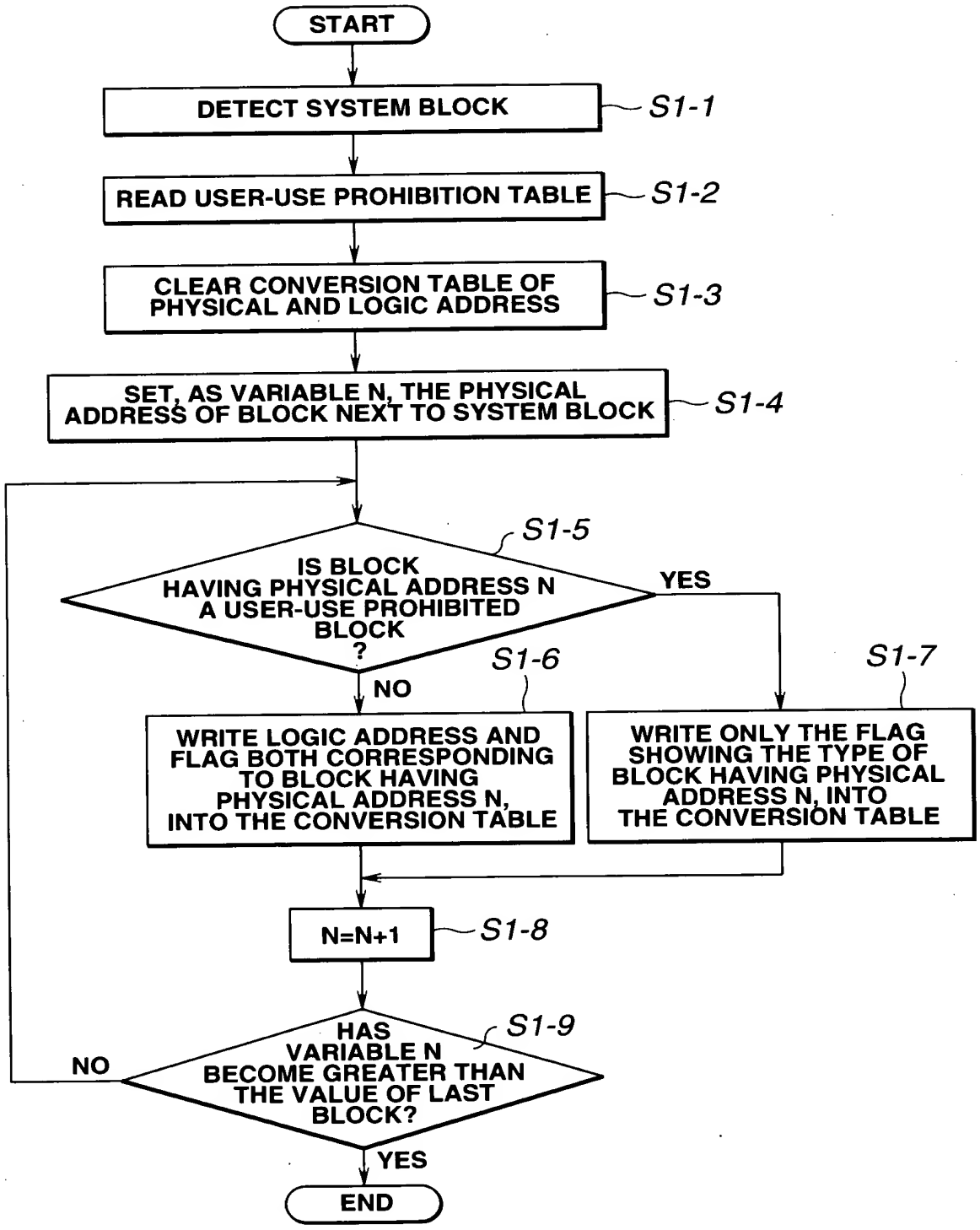
START
DETECT SYSTEM BLOCK
S1-1
READ USER-USE PROHIBITION TABLE
S1-2
CLEAR CONVERSION TABLE OF PHYSICAL AND LOGIC ADDRESS
S1-3
SET, AS VARIABLE N, THE PHYSICAL ADDRESS OF BLOCK NEXT TO SYSTEM BLOCK
S1-4
S1-5
IS BLOCK HAVING PHYSICAL ADDRESS N A USER-USE PROHIBITED BLOCK ?
YES
NO
S1-6
WRITE LOGIC ADDRESS AND FLAG BOTH CORRESPONDING TO BLOCK HAVING PHYSICAL ADDRESS N, INTO THE CONVERSION TABLE
S1-7
WRITE ONLY THE FLAG SHOWING THE TYPE OF BLOCK HAVING PHYSICAL ADDRESS N, INTO THE CONVERSION TABLE
N=N+1
S1-8
S1-9
HAS VARIABLE N BECOME GREATER THAN THE VALUE OF LAST BLOCK?
NO
YES
END

FIG.2

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PHYSICAL BLOCK	LOGIC BLOCK	FLAG
0	X	S
1	5	U
2	3	U
3	X	B
⋮	⋮	⋮
10	X	SU
11	10	U
⋮	⋮	⋮

FIG.3

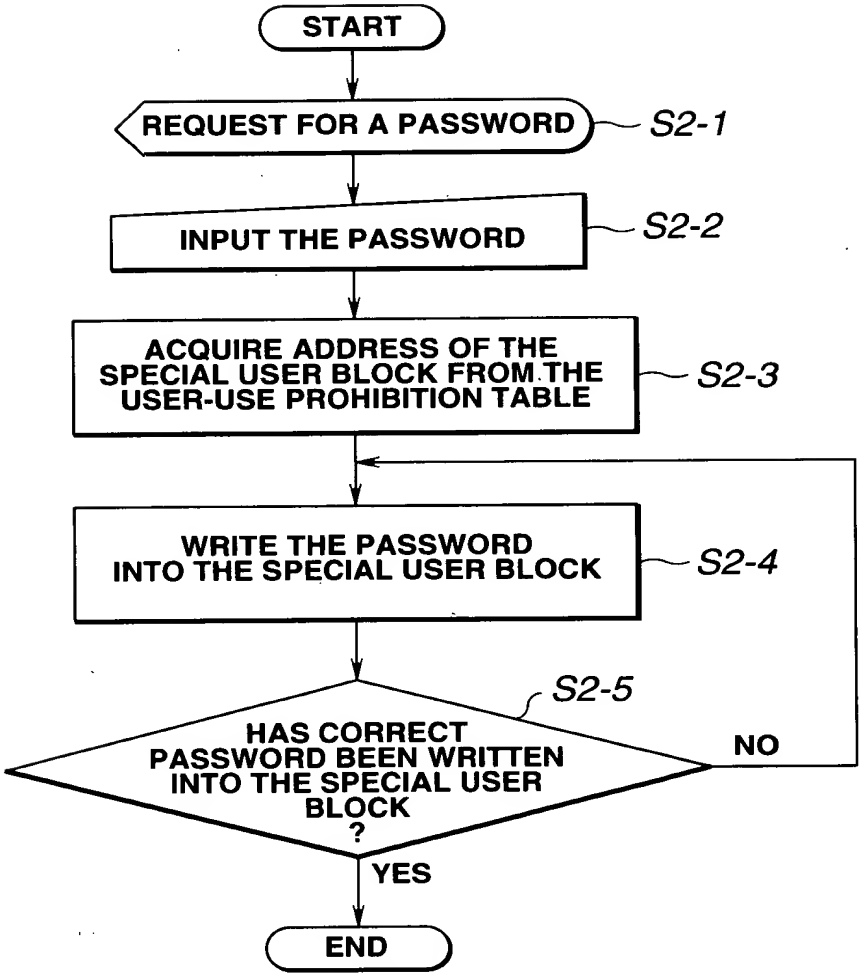
START
REQUEST FOR A PASSWORD
S2-1
INPUT THE PASSWORD
S2-2
ACQUIRE ADDRESS OF THE SPECIAL USER BLOCK FROM THE USER-USE PROHIBITION TABLE
S2-3
WRITE THE PASSWORD INTO THE SPECIAL USER BLOCK
S2-4
S2-5
HAS CORRECT PASSWORD BEEN WRITTEN INTO THE SPECIAL USER BLOCK ?
NO
YES
END

FIG.4

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FIG.5

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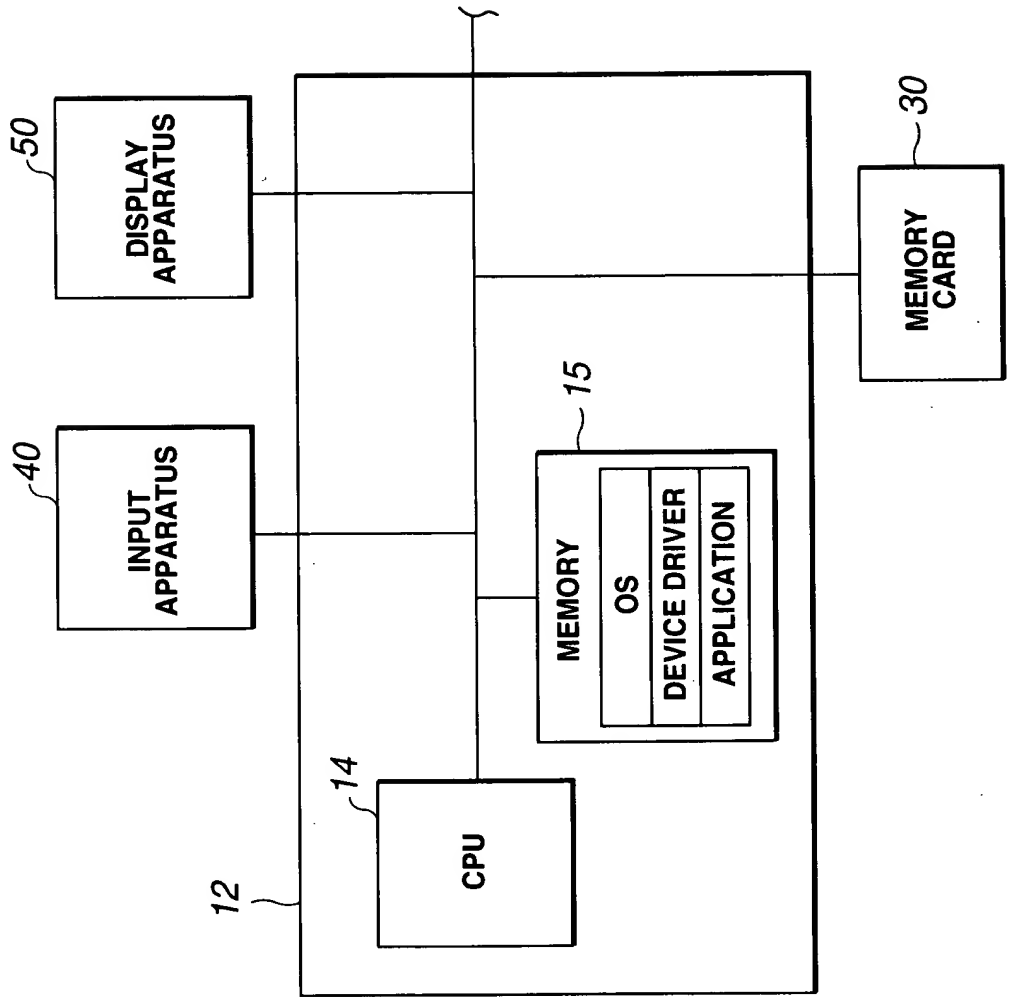
50
DISPLAY APPARATUS
40
INPUT APPARATUS
12
14
CPU
15
MEMORY
OS
DEVICE DRIVER
APPLICATION
30
MEMORY CARD

FIG.6

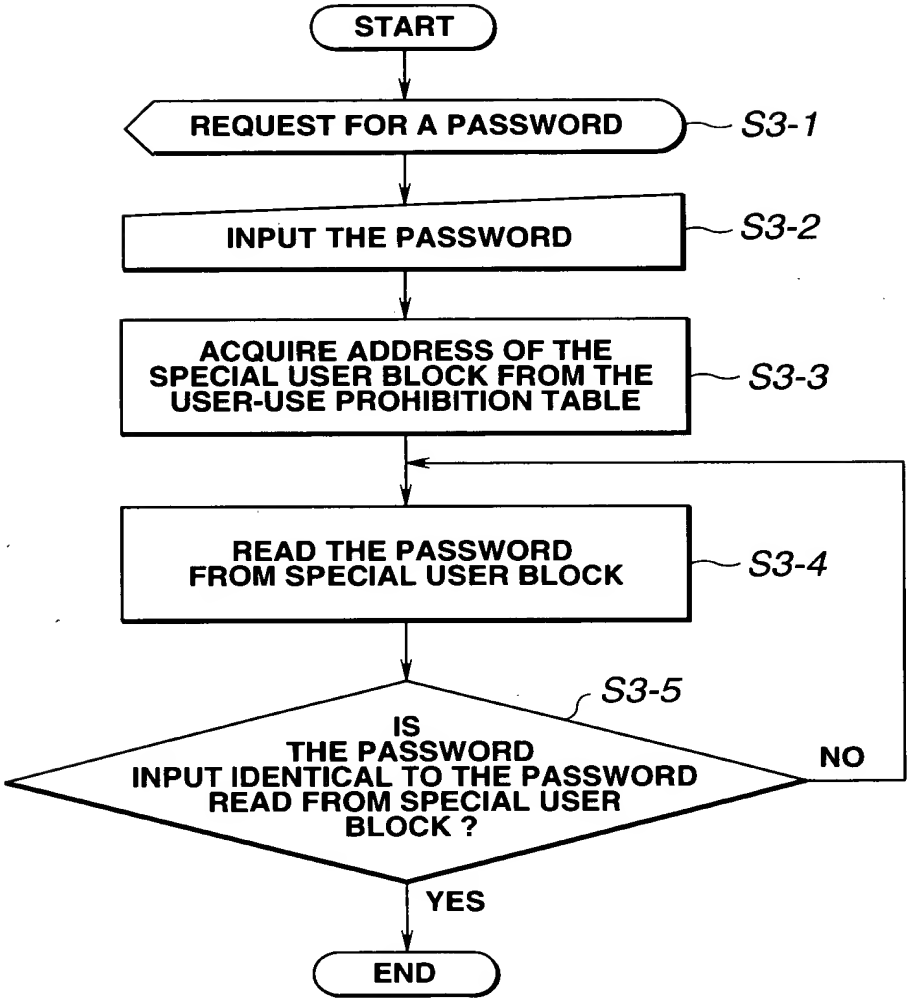
START
REQUEST FOR A PASSWORD
S3-1
INPUT THE PASSWORD
S3-2
ACQUIRE ADDRESS OF THE SPECIAL USER BLOCK FROM THE USER-USE PROHIBITION TABLE
S3-3
READ THE PASSWORD FROM SPECIAL USER BLOCK
S3-4
S3-5
IS THE PASSWORD INPUT IDENTICAL TO THE PASSWORD READ FROM SPECIAL USER BLOCK ?
NO
YES
END

FIG.7

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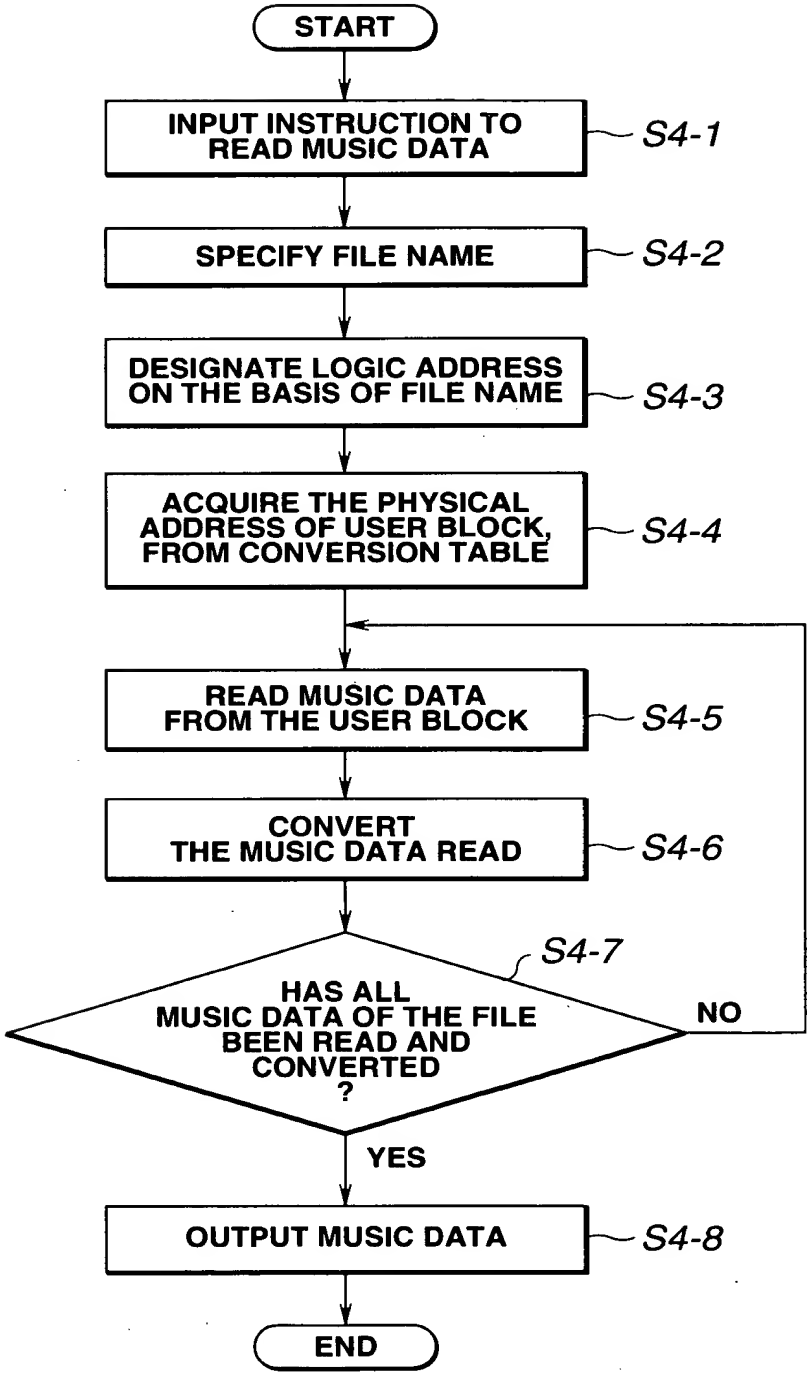

FIG.8